

Dkt. 1141/73570

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of : Shouichi MIYAWAKI, Hiroyuki TAKEUCHI and Hideki KUMAI

Serial No. : Not Yet Known Int'l Application  
No.: PCT/JP2003/008487Date Filed : Concurrently Herewith Int'l Application  
Filing Date: 3 July 2003

For : MAGNETIC RESONANCE IMAGING APPARATUS

**Mail Stop PCT**

Commissioner for Patents

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ATTN: DO/EO/US

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the applicant's duty of disclosure, the information listed in the attached Form PTO-1449 is brought to the attention of the Examiner. Copies of the information identified herein are also provided.

It is respectfully requested that the information cited in annexed Form PTO-1449 be considered by the Examiner in connection with the above-identified patent application, filed concurrently herewith, and that such art be made of record in said application.

The subject application is a U.S. national phase application under 35 U.S.C. 371 of International Application No. PCT/JP2003/008487. The enclosed items were cited in the International Search Report in connection with International Application No. PCT/JP2003/008487. A copy of the International Search Report is submitted concurrently herewith.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that these items are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of the particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this Information Disclosure Statement is not an admission that the

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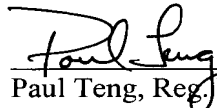
information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

According to the August 5, 2003 OG Notice published by the Patent and Trademark Office, the Office has waived the requirement under 37 C.F.R. §1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each cited U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international application that have entered the national stage under 35 U.S.C. §371 after June 30, 2003.

Accordingly, copies are submitted herewith for only references listed on the annexed Form PTO-1449 that are not a U.S. patent or U.S. patent application publication.

The Office is hereby authorized to charge any additional fees which may be required for consideration of this Information Disclosure Statement and to credit any overpayment to our Deposit Account No. 03-3125.

Respectfully submitted,

  
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Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
1141/73570Serial No.  
Not Yet Known**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)Applicants:  
Shouichi MIYAWAKI et al.Filing Date:  
Herewith

Group Art Unit:

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	4 6 9 8 5 9 1	10-6-1987	Glover et al.			
	5 7 7 0 9 4 3	6-23-1998	Zhou			
	6 3 3 5 6 2 0	1-1-2002	Weissenberger			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation
						Yes No
	JP 6 2- 1 8 9 0 5 7	8-18-1987	Japan			
	JP 2 - 1 7 7 9 4 0	7-11-1990	Japan			Abstract
	JP 7- 1 4 8 1 3 7	6-13-1995	Japan			Abstract
	JP 1 0- 2 7 2 1 2 0	10-13-1998	Japan			
	JP 2000 -1 8 5 0 2 9	7-4-2000	Japan			
	JP 2000 -2 6 2 4 8 5	9-26-2000	Japan			Abstract

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Schiff, J. et al. (1994) "New Efficient Eddy-Field-Mapping Procedure (FAME)", Journal Of Magnetic Resonance, Series B 104, pgs. 73-76.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.